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## PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Shih-Hsiung NI

Art Unit: 2151

Application No.: 09/982,794

Examiner: Kamal B. Divecha

Filed: October 22, 2001

Attorney Dkt. No.: 58268.00080

For: DATA PATH OPTIMIZATION ALGORITHM

### **RESPONSE UNDER 37 CFR § 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 15, 2006

Sir:

In response to the Office Action dated May 24, 2006, please amend the above-identified application as set forth below.

**Amendments to the claims are submitted on page 2.**

**Remarks are submitted on page 8.**